



Whether your business is manufacturing, research, or quality control, or if you are operating in markets such as packaging, automotive, or aerospace, the success of your materials' supply process is the quality of the end product.

Preventative maintenance and verification of your Melt Flow Testing System helps avoid potential risk exposure from inaccurate test results that can affect the quality of your product to market.

All CEAST products are supported by Instron Professional Services – a global service organisation with an experienced and established infrastructure that is dedicated to delivering high quality customer service, to ensure your materials testing system is operating at peak performance.

Maintenance and Verification Services

Performance verification, maintenance, and adjustment to CEAST manufacturing specifications and verification in compliance with ISO and ASTM standards

- CEAST Melt Flow Tester verification complying with ISO 1133-1 and ASTM D1238, accredited to NVLAP
- Verification will be performed by an Instron-trained verification engineer
- A NVLAP accredited verification certificate will be provided for your records

Customer Service

Instron® provides customer service contracts to support your materials testing laboratory / operation. The contracts include:

Fast and efficient response from your local Instron Service team, including:

- Unlimited telephone support
- Planned verification and maintenance service visit
- Priority scheduling for on-site support services
- Inclusive of labour for breakdown visits, if requested
- Priority on-site and factory repair scheduling
- Discounted spare parts
- Exchange parts, subject to availability
- Discounted training for contract customers

Our range of customer services can be selected and tailored to suit your requirements and support needs. Contact your local Instron office to discuss the services that best support your business.

CERTIFICATE OF CALIBRATION

Issued by: INSTRON CALIBRATION LABORATORY

DATE OF ISSUE

See signature

CERTIFICATE NO: **E200011719090605**



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APPROVED SIGNATORY

Type of Calibration: Ceast **As Found / As Left**
Relevant Standards: ISO 1133-1
Date of Calibration: 17-Jan-19

Customer

Customer: ITW Test&Measurements S.r.l.
Address: Via Airauda 12
10044 PIANEZZA
Country: Italy
P.O./Contract No.: N/A
Contact: Marco Evangelisti
Email: marco_evangelisti@instron.com

Instrument

Manufacturer: Ceast
Serial Number: 2
System ID: 7027/2
Customer Asset ID: N/A

Certification Statement

All machine indicators were verified on-site at customer location by Instron in accordance with ISO 1133-1.

The combined Bias Error and Instability, meets the Maximum Permissible Error (MPE) limits of the Governing Standards.

The verification and equipment used conform to a controlled Quality Assurance program which meets the specifications outlined in ANSI/NCSL Z540-1, ISO 10012, ISO 9001:2015 and ISO/IEC 17025:2017

At Test levels below 250°C for ISO +/- 1.0°C @ 10mm & +/-2.0°C @ 30mm, 50mm, and 70mm.

At Test levels below 300°C & down to 250°C, for ISO +/- 1.0°C @ 10mm & +/-2.5°C @ 30mm, 50mm and 70mm.

At Test levels 300°C & above, for ISO +/- 1.0°C @ 10mm & +/-3.0°C @ 30mm, 50mm, and 70mm.

The verification of masses was conducted at the customer site according to Instron procedures ICA-8-174, Verification of Melt Index Weights. The applied loads generated with the masses on the machine indicated conform to a ±0.5% tolerance as identified in ISO-1133 or ASTM 1238. The Verification and the equipment used conform to a controlled Quality Assurance program, which meets the specifications outlined in ANSI-Z540-1, ISO 10012-1, ISO 9001:2015 and ISO/IEC 17025:2017.

Method

The testing machine was verified in the 'As Found' condition with no adjustments or repairs carried out.

The results indicated on this certificate and the following report relate only to the items verified. If there are methods or data included that are not covered by the NVLAP accreditation it will be identified in the comments. Any limitations of use as a result of this verification will be indicated in the comments. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the United States Government. This report shall not be reproduced, except in full, without the approval of the issuing laboratory.

ICA-8-197 Melt Flow Spreadsheet v 3.3

11/01/2019

Global Support Local to You

Instron® has a global infrastructure that is local to you and remains committed to being the leader in mechanical testing instrumentation. To find an office local to you, visit go.instron.com/locations

www.instron.com



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